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RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/040,244

DATE: 06/25/2002
TIME: 10:13:24

Input Set : A:\Sequence.txt
Output Set: N:\CRF3\06252002\J040244.raw

3 <110> APPLICANT: KIRIN BEER KABUSHIKI KAISHA
 4 FORCE, WALKER F.
 5 TAKAHASHI, NOBUAKI
 6 MIKAYAMA, TOSHIKUMI
 8 <120> TITLE OF INVENTION: ISOLATION AND CHARACTERIZATION OF HIGHLY ACTIVE ANTI-CD40
 ANTIBODY
 10 <130> FILE REFERENCE: 021286/0272501
 12 <140> CURRENT APPLICATION NUMBER: 10/040,244
 C--> 13 <141> CURRENT FILING DATE: 2002-06-17
 15 <150> PRIOR APPLICATION NUMBER: 60/200,601
 W--> 16 <151> PRIOR FILING DATE: 2000-4-28
 18 <150> PRIOR APPLICATION NUMBER: PCT/US01/13672
 19 <151> PRIOR FILING DATE: 2001-04-27
 21 <150> PRIOR APPLICATION NUMBER: 09/844,684
 22 <151> PRIOR FILING DATE: 2001-04-27
 24 <160> NUMBER OF SEQ ID. NOS: 17
 26 <170> SOFTWARE: PatentIn Ver. 3.0
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 30 <212> TYPE: DNA
 31 <213> ORGANISM: Artificial Sequence
 33 <220> FEATURE:
 34 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
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 40 <210> SEQ ID NO: 2
 41 <211> LENGTH: 41
 42 <212> TYPE: DNA
 43 <213> ORGANISM: Artificial Sequence
 45 <220> FEATURE:
 46 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
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 54 <212> TYPE: DNA
 55 <213> ORGANISM: Artificial Sequence
 57 <220> FEATURE:
 58 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
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 61 gtgcacgccc ctggtcaggg cgcctg 26
 63 <210> SEQ ID NO: 4
 64 <211> LENGTH: 26
 65 <212> TYPE: DNA

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69 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
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87 <210> SEQ ID NO: 6
88 <211> LENGTH: 29
89 <212> TYPE: DNA
90 <213> ORGANISM: Artificial Sequence
92 <220> FEATURE:
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102 <213> ORGANISM: Artificial Sequence
104 <220> FEATURE:
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112 <211> LENGTH: 30
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116 <220> FEATURE:
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123 <210> SEQ ID NO: 9
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126 <213> ORGANISM: Artificial Sequence
128 <220> FEATURE:
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136 <211> LENGTH: 520
137 <212> TYPE: DNA
138 <213> ORGANISM: Homo sapiens

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143 agttcagccct ggggggtccc tgagactctc ctgtgcagtc tctggattca ccttcagtagc 180
144 ctactggatg cactgggtcc gccaagctcc agggaaagggg ctgggtgtggg tctcacgtat 240
145 taatagtgtat gggagtagca caacctacgc ggactccgtg aaggggccat tcaccatctc 300
146 cagagacaac gccaagaaca cgctgtatct gcaaataac agtctgagag ccgaggacac 360
147 ggctgtgtat tactgtgcaa gagatagagt actatggatc ggggagttat cctactacgg 420
148 tatggacgtc tggggccaag ggaccacgtt caccgtctcc tcagctagca ccaaggccc 480
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152 <210> SEQ ID NO: 11
153 <211> LENGTH: 698
154 <212> TYPE: DNA
155 <213> ORGANISM: Homo sapiens
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160 caccctgtct gcatctgttag gagacagagt caccatcaact tgccgggcca gtcagagtat 180
161 tagtaactgg ttggcctggg atcagcagaa accagggaaa gcccctaagc tcctgctcta 240
162 taaggcatct ggttagaaaa gtgggggtccc atcaagggtt acggcagtg gatctggac 300
163 agaattcact ctcaccatca acagcctgca gcctgtatgtat tttcaactt attactgcca 360
164 acagtctaat agttatttcgt ggacgttccg ccacgggacc aaggtggaaa tcaaacgtac 420
165 ggtggctgca ccatctgtct tcattttccc gccatctgtat gagcagttga aatctggaa 480
166 tgcctctgtt gtgtgcctgc tgaataactt ctatcccaga gaggccaaag tacagtggaa 540
167 ggtggataac gcccctcaat cgggttaactc ccaggagagt gtcacagagc aggacagcaa 600
168 ggacagcacc tacaggctca gcagcacctt gacgtgagc aaagcagact acgagaaaca 660
169 caaagtctac gcctgcgaag tcacccatca gggcctga 698
172 <210> SEQ ID NO: 12
173 <211> LENGTH: 580
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175 <213> ORGANISM: Homo sapiens
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179 tggcgttatt ttaaaaagggtg tccagtgtga ggtgcagctg ttggagtctg ggggaggcct 120
180 ggtacagccct ggggggtccc tgagactctc ctgtgcagcc tctggattcg cctttagcag 180
181 ctatgccatg agtctgggtcc gccaggctcc agggaaagggg ctggagtggg tctcacgtat 240
182 tagtggtagt ggtggtagca catactacgc agactccgtg aaggggccgtt tcaccatctc 300
183 cagagacaat tccaagaaca cgctgtatct gcaaataac acgtctgagag ccgaggacac 360
184 ggccgtatata tactgtgca aagatgggg gtactatggt tcggggagtt atgggtactt 420
185 tgactactgg ggccaggaa ccctggtcac cgtctccatca gctagcacca agggccatc 480
186 ggtcttcccc ctggcacccct cctccaaagag cacctctggg ggcacagogg ccctgggtc 540
187 cctggtcaag gactacttcc cccgacccgt gacgggtcg 580
190 <210> SEQ ID NO: 13
191 <211> LENGTH: 716
192 <212> TYPE: DNA
193 <213> ORGANISM: Homo sapiens
195 <400> SEQUENCE: 13
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198 gatgacccag tctccatctt ccgtgtctgc atctgcagga gacagagtca ccatcacttg 180
 199 tcgggcgagt cagggtatta gcagctgggt agcctggat caacagaaac cagggaaagc 240
 200 ccctaagctc ctgatctatg ctggatccag tttgcaaagt ggggtcccat caaggttcag 300
 201 cggcagtggta tttgggacag atttcactct caccatcgcc agcctgcagc ctgaagattt 360
 202 tgcaacttac tattgtcaac aggctagcag tttccctcgg acggttcggcc aaggaccaa 420
 203 ggtggagatc aaacgtacgg tggctgcacc atctgtcttc atcttccgc catctgatga 480
 204 gcagttgaaa tctggaactg cctctgttgt gtgcctgcgtg aataacttct atcccagaga 540
 205 ggccaaagta cagtggaagg tggataacgc cctccaatcg ggttaactccc aggagagtgt 600
 206 cacagagcag gacagcaagg acagcaccta cagcctcagc agcaccctga cgctgagcaa 660
 207 agcagactac gagaaacaca aagtctacgc ctgcgaagtc acccatcagg gcctga 716
 210 <210> SEQ ID NO: 14
 211 <211> LENGTH: 630
 212 <212> TYPE: DNA
 213 <213> ORGANISM: Homo sapiens
 215 <400> SEQUENCE: 14
 216 ggtctatata agcagagctg ggtacgtcct cacattcagt gatcagcact gaacacagac 60
 217 ccgtcgacgg tgatcaggac tgaacagaga gaactcacca tggagtttgg gctgagctgg 120
 218 ctttttcttg tggctatttt aaaaggtgtc cagtggtgagg tgcagctgtt ggagtctggg 180
 219 ggaggcttgg tacaggctgg ggggtccctg agactctct gtgcagccctc tggattcacc 240
 220 ttttagcagct atgccatgag ctgggtccgc caggctccag ggaaggggct ggagtgggtc 300
 221 tcagcttatta gtggtagtgg tggtagcaca tactacgcag actccgtgaa gggccgggtc 360
 222 accatctcca gagacaattc caagaacacg ctgtatctgc aaatgaacag cctgagagcc 420
 223 gaggacacgg ccgtatattt ctgtgcggaa gatgggggt actatggttc ggggagttat 480
 224 gggtaactttg actactgggg ccaggaaacc ctggtcaccg tctcctcagc tagcaccaaag 540
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 230 <211> LENGTH: 728
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 234 <400> SEQUENCE: 15
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 237 atgcgcacatc cagatgaccc agtctccatc ttccgtgtct ggatctgttag gagacagagt 180
 238 caccatcaact tgcggcga gtcagggtat tagcagctgg ttgcctgtt atcagcagaa 240
 239 accaggaaaa gcccctaagc tcctgtatca tgctggatcc agtttgcggaa gtgggtccc 300
 240 atcaagggttc agcggcagtg gatttggac agatttcaact ctcaccatca gcaggcctgca 360
 241 gcctgaagat tttgcacatt actattgtca acaggcttagc agtttccctc ggacattcgg 420
 242 ccaaggggacc aagggtggaga tcaaacgtac ggtggctgca ccattctgtct tcattttccc 480
 243 gccatctgtat gagcagttga aatctggaaac tgcctctgtt gtgtgcctgc tgaataactt 540
 244 ctatcccaga gaggccaaag tacagtggaa ggtggataac gcccctcaat cgggttaactc 600
 245 ccaggagat gtcacagagc aggacagcaa ggacagcacc tacagcctca gcagcaccct 660
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 247 gggcctga 728
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 251 <211> LENGTH: 124
 252 <212> TYPE: PRT
 253 <213> ORGANISM: Homo sapiens
 255 <400> SEQUENCE: 16

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257 Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
258 1 5 10 15
259 Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr
260 20 25 30
261 Ala Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
262 35 40 45
263 Ser Ala Ile Ser Gly Ser Gly Ser Thr Tyr Tyr Ala Asp Ser Val
264 50 55 60
265 Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
266 65 70 75 80
267 Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
268 85 90 95
269 Ala Lys Asp Gly Gly Tyr Tyr Gly Ser Gly Ser Tyr Gly Tyr Phe Asp
270 100 105 110
271 Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
272 115 120
275 <210> SEQ ID NO: 17
276 <211> LENGTH: 106
277 <212> TYPE: PRT
278 <213> ORGANISM: Homo sapiens
280 <400> SEQUENCE: 17
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283 1 5 10 15
284 Asp Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Gly Ile Ser Ser Trp
285 20 25 30
286 Leu Ala Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile
287 35 40 45
288 Tyr Ala Gly Ser Ser Leu Gln Ser Gly Val Pro Ser Arg Phe Ser Gly
289 50 55 60
290 Ser Gly Phe Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro
291 65 70 75 80
292 Glu Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Ala Ser Ser Phe Pro Arg
293 85 90 95
294 Thr Phe Gln Gly Thr Lys Val Glu Ile Lys
295 100 105

VERIFICATION SUMMARY
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